

20050324.ba v03_n781.bam.20050324

>From ???@??? Thu Mar 24 01:36:31 2005 -0500
Date: Thu, 24 Mar 2005 01:33:37 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3781
Message-Id: <20050324022730.5CBAC405B8@srvr1.theporch.com>

BOATANCHORS Digest 3781

Topics covered in this issue include:

- 1) TMC Broadband amplifier BAA-1
by "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
- 2) Re: TMC Broadband amplifier BAA-1
by John Poulton <jp@cs.unc.edu>
- 3) Re: New US CW Coast Station!
by "Edward J White" <wa3bzt@verizon.net>
- 4) Need hole repair advice
by "JAMES HANLON" <knjhanlon@msn.com>
- 5) Another TMC request - AMC-21B
by Tom Norris <r390a@bellsouth.net>
- 6) Re: Need hole repair advice
by "b. smith" <smithab11@comcast.net>
- 7) Re: Need hole repair advice
by Heinz und Hannelore Breuer <hbreuer@debitel.net>
- 8) Re: Need hole repair advice
by "JAMES HANLON" <knjhanlon@msn.com>
- 9) Re: Need hole repair advice
by "RJ Mattson" <rjmattson@hvi.net>
- 10) Re: source for metal shield ?
by "Ned Ely" <adcinfo@ghg.net>
- 11) Re: Need hole repair advice
by "Arden Allen" <gumbear@pacbell.net>
- 12) Need older Hallicrafters tuning knob
by "Tom Chirhart" <sparks@codepoets.com>
- 13) Re: Need hole repair advice
by "Arden Allen" <gumbear@pacbell.net>
- 14) fixing a hole
by "Eric Jones" <ejones@hiwaay.net>
- 15) Another hole filling suggestion
by "John Gillespie" <jgillespie@porchlight.ca>
- 16) Re: Another hole filling suggestion
by Paul Bernhardt <bern@ppdmail.nrl.navy.mil>
- 17) Re: TMC Broadband amplifier BAA-1
by wb3fau@att.net
- 18) Re: [The WS No19] AVR-20/BC-474 RE Info.

- by "philip" <signetics@netzero.com>
19) Re: [The WS No19] AVR-20/BC-474 RE Info.
by William Donzelli <aw288@osfn.org>
20) Re: fixing a hole
by "Howard R. Weeks" <weeksh@bellsouth.net>
21) PE-101-C Dynamotor parts and info wanted
by "Mark J. Blair, NF6X" <nf6x@nf6x.net>

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: TMC Broadband amplifier BAA-1
Date: Tue, 22 Mar 2005 14:31:07 -0500
Message-ID: <83C7CE5F7B575C4E94AA0B5379B1414A011B6A5E@mb-ncr-023.ad.pwgsc-tpsgc.gc.ca>
From: "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
To: Old Tube Radios <boatanchors@theporch.com>

Gang,

I have a friend in Montreal who has a TMC Broadband Amplifier, model = BAA-1. He has no information on it. So he would like to obtain a = manual or any other information that might be available. I have done a = Google search and I have checked the sources I know. But I can't find = anything. Can anyone help?

73

Ray Perrin
VE3FN, VY0AAA

Date: Tue, 22 Mar 2005 16:25:41 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TMC Broadband amplifier BAA-1
Message-ID: <Pine.LNX.4.58.0503221624200.12599@swan.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've placed a scan of TMC Bulletin 202, which covers the BAA-1, on my website:

<http://www.jptronics.org/radios/TMC/>

Hope this helps... Not all that much info in the Bulletin, but better than nothing.

73, John K4OZY

On Tue, 22 Mar 2005, Ray Perrin wrote:

> Gang,
>
> I have a friend in Montreal who has a TMC Broadband Amplifier, model BAA-1. He has no information on it. So he would like to obtain a manual or any other information that might be available. I have done a Google search and I have checked the sources I know. But I can't find anything. Can anyone help?
>
> 73
>
> Ray Perrin
> VE3FN, VY0AAA
>
>

Date: Tue, 22 Mar 2005 17:05:09 -0500
From: "Edward J White" <wa3bzt@verizon.net>
Subject: Re: New US CW Coast Station!
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <007b01c52f2b\$36f4a8b0\$6401a8c0@wa3bzt>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original
Content-transfer-encoding: 7bit

Talk about great deals this is great
Congratulations and good luck I bet the old timers that are still at sea with an old radio room will make there time at KSM fun
Ed
WA3BZT

----- Original Message -----
From: "Richard Dillman" <ddillman@igc.org>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, March 21, 2005 8:07 PM
Subject: New US CW Coast Station!

>
> How on earth are you going to maintain the station
> without a stream of income? I don't expect you'll

> be handling any traffic to speak of.
> I'm tickled pink to see it, but am at a loss
> to understand how you'll manage it.
>
> ---
>
> Good question, OM!
>
> The answer is that we don't intend to provide 24 hour, 7 day a week
> service like KPH did. Right now, we are usually at the station each
> weekend to open it to visitors. I suspect that in the beginning we will
> run a wheel and listen for calls during those weekend days. As you say,
> it's doubtful that we will be deluged with traffic. But KSM is a full,
> common carrier station so we would of course relay any incoming traffic
> that does occur to its destination.
>
> As to income, we're all volunteers and the Park Service pays for the
> electricity so there is no real overhead.
>
> VY 73,
>
> RD
>
> =====
> Richard Dillman, W6AWO
> Maritime Radio Historical Society
> <http://www.radiomarine.org>
> Collector of Harleys, Willys and
> Radios over 100lbs.
> =====
>

Message-ID: <BAY4-DAV30F1CAAAD26CA78F6B2715A04E0@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need hole repair advice
Date: Tue, 22 Mar 2005 16:10:37 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Y'all,

I have a BC348 that is close to original, but it has "extra" volume control
in a 1/4 inch hole in the front panel that I would like to remove. I need
some advice on how to repair that hole. Is there something that I could

fill it with and then paint over? I have some spray-on black crackle paint. Also, I need one of the spring-loaded covers for the headphone jacks and one of the original, round (volume control) knobs.

Any and all help would be appreciated. This is a nice set, it even has its dynamotor and shock mount.

Jim, w8kgi

w8kgi@arrl.net

Mime-Version: 1.0
Message-Id: <p06210200be6659ed7981@[10.0.1.3]>
Date: Tue, 22 Mar 2005 17:29:56 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: Another TMC request - AMC-21B
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I have another TMC coupler request --

Does anyone have any info on the AMC-21B receive coupler??
I've been asking every so often for the past several years with not a nibble.

Message-ID: <001a01c52f37\$57df83e0\$94f02144@Denroom>
From: "b. smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need hole repair advice
Date: Tue, 22 Mar 2005 18:31:55 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=response
Content-Transfer-Encoding: 7bit

For hole repair I prefer J-B Weld. Good stuff.
breck k4che
info on the product at:
<http://jbweld.net/products/index.php>

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@msn.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, March 22, 2005 6:10 PM

Subject: Need hole repair advice

> > w8kgi@arrl.net

>

>

Message-ID: <4240ADB5.CFAEA916@debitel.net>

Date: Wed, 23 Mar 2005 00:46:43 +0100

From: Heinz und Hannelore Breuer <hbreuer@debitel.net>

MIME-Version: 1.0

CC: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Need hole repair advice

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

To: Old Tube Radios <boatanchors@theporch.com>

Hi Jim,

I successfully closed holes up to 1/2" diameter with JB Weld. Put a piece of tape over the hole on the outside and fill with JB Weld from the inside. Try not to trap any air bubbles. I put the JB Weld onto the tape with a wire from a paper clip and start in the middle working my way to the side. After I covered all of the hole I take a hairdryer to heat up the JB Weld. The heat lets it flow and make good contact with the metall cabinet. Let it dry at least 12 hours before removing the tape. It will still be a little sticky. Let it dry another 48 hours. You can now paint it.

73

Heinz DH2FA, KM5VT

JAMES HANLON wrote:

>

> Y'all,

>

> I have a BC348 that is close to original, but it has "extra" volume control

> in a 1/4 inch hole in the front panel that I would like to remove. I need

> some advice on how to repair that hole. Is there something that I could

> fill it with and then paint over? I have some spray-on black crackle paint.

> Also, I need one of the spring-loaded covers for the headphone jacks and one

> of the original, round (volume control) knobs.

>

> Any and all help would be appreciated. This is a nice set, it even has its

> dynamotor and shock mount.

>

> Jim, w8kgi
>
> w8kgi@arrrl.net

Message-ID: <BAY4-DAV2223C7A2D9406D0980B1DFA04F0@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: Re: Need hole repair advice
Date: Tue, 22 Mar 2005 17:17:19 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian,

Thanks for the suggestions. Sounds like a good technique. Maybe someone on the reflector will know of the ER reference or know what to use to keep the clay from sticking to the J-B Weld.

Jim

Brian Harris wrote:

> As one list member stated, JB Weld is great. One thing you can do to make
> it almost impossible to see the repair is to make an impression of the
> wrinkle finish in some modeling clay. Then place the hardened clay over
> the hole on the outside. When you fill the hole with JB Weld, the surface
> of the JB Weld will be very much the same as the wrinkle paint. The thing
> I can't remember is what you put on the modeling clay to keep the JB Weld
> from wanting to stick to it when you remove the clay. Anyway, with the JB
> Weld already looking like wrinkle paint (but just grey), you can touch it
> up with regular paint and not have to worry about using wrinkle paint,
> which may have an entirely different look than the original. I think
> someone wrote this technique or something like it in ER.

Message-ID: <011601c52f4b\$d3d7b8f0\$2ab90642@Laptop>
From: "RJ Mattson" <rjmattson@hvi.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need hole repair advice
Date: Tue, 22 Mar 2005 20:58:36 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;

charset="iso-8859-1";
reply-type=response
Content-Transfer-Encoding: 7bit

Jim,
I have some of those jack covers.
They are green, but is there something special that makes them BC348?
bob...w2ami

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@msn.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, March 22, 2005 6:10 PM
Subject: Need hole repair advice

> Y'all,
>
> I have a BC348 that is close to original, but it has "extra" volume
> control in a 1/4 inch hole in the front panel that I would like to remove.
> I need some advice on how to repair that hole. Is there something that I
> could fill it with and then paint over? I have some spray-on black
> crackle paint. Also, I need one of the spring-loaded covers for the
> headphone jacks and one of the original, round (volume control) knobs.
>
> Any and all help would be appreciated. This is a nice set, it even has
> its dynamotor and shock mount.
>
> Jim, w8kgi
>
> w8kgi@arrl.net
>

Message-ID: <000001c52f4d\$6b638a40\$a445f340@nedboys>
From: "Ned Ely" <adcinfo@ghg.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: source for metal shield ?
Date: Mon, 21 Mar 2005 21:07:06 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck,

Microwave oven doors contain perforated metal in them. Some dis-assembly is required, but the price is right if you can capture one at curbside. The

bigger, older brands such as Amana or Sears have bigger doors and therefore bigger pieces of "shielding material".

Ned - KD5YQH

----- Original Message -----

From: "chuck grandgent" <chuck@chuckg.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Sunday, March 20, 2005 8:14 PM

Subject: source for metal shield ?

> I was working on my Drake T4X just before moving from Boston to Florida,
> finally got it all out and put in an antenna this weekend,
> appears I'm missing the perforated metal shield cover top thing that sits
on top of the "box" the finals are in.
> Searching garage boxes of "stuff" has so far proved fruitless, and I don't
see anything in Fair Radio or Mouser, any suggestions ?
>
> Second question, is this cover there strictly for safety, or does it also
> supply needed shielding ?
>
> Thanks much, Chuck, K10M

Message-ID: <002601c52f4f\$2f1dc850\$7ee47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "boatanchors" <boatanchors@theporch.com>

Subject: Re: Need hole repair advice

Date: Tue, 22 Mar 2005 18:22:31 -0800

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>Maybe someone on
> the reflector will know of the ER reference or know what to use to keep
the
> clay from sticking to the J-B Weld.

JB Weld is a two part epoxy resin that gets its good mechanical properties from solids mixed in with the resin which "sets" when mixed with the catalyst. There is also a competitive product by Permatex that I have used with good results to fill holes. I cover the hole with Scotch "Magic Tape" which pulls away easily from the cured epoxy leaving a smooth surface. You can see through the magic tape to look for bubbles which you can remove by poking a tiny hole through the tape with a pin. The tape is flexible enough to allow a very slight bulge outward from the weight of the epoxy so that

you can finish the panel surface flat. If there are any small imperfections you can fill them by troweling in newly mixed epoxy. Make sure the inner surface of the hole is free of dirt, oil, etc. before filling. Rough it up some with sand paper. Mix two part epoxies thoroughly to get proper curing.

Arden Allen
KB6NAX

From: "Tom Chirhart" <sparks@codepoets.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need older Hallicrafters tuning knob
Date: Tue, 22 Mar 2005 21:37:22 -0500
Message-ID: <000401c52f51\$3de4abe0\$6401a8c0@sparks>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0005_01C52F27.550EA3E0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0005_01C52F27.550EA3E0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I recently rescued an early Hallicrafters S-36 and it's missing the tuning knob. These knobs were like those on the SX-28's I believe. They resemble a steering wheel. Can anyone help me locate one? This is the only knob missing and I'd like to begin the restoration. Thanks
73 Tom K4NCG

-----=_NextPart_000_0005_01C52F27.550EA3E0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0005_01C52F27.550EA3E0--

Message-ID: <003b01c52f51\$44981080\$7ee47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: Re: Need hole repair advice
Date: Tue, 22 Mar 2005 18:37:29 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mixed messages while trying to watch how the world goes crazy on TV. I've never used modeling clay to take an imprint of wrinkle or alligator finish but it sounds like a good idea to me. You can get mold relief from Micro-Mark. Don't get any on the panel hole. Clean up the epoxy with solvent only after fully cured.

Arden Allen
KB6NAX

Message-ID: <004601c52fbc\$d6db98c0\$b541b4d8@ejones>
From: "Eric Jones" <ejones@hiwaay.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: fixing a hole
Date: Wed, 23 Mar 2005 09:10:05 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-7"
Content-Transfer-Encoding: 7bit

de N4TGC Eric

The title of one of the SF shorts I wrote a gazillion years ago in another lifetime, BTW ... one thing I haven't seen mentioned is the advisability of backing the hole up with aluminum screen wire - it should overlap the opening by at least 25+ACU-, enough to let the epoxy bond to more than just the skinny edge, so that it won't pop out if (Murphy's Law: when) whacked later. The wire should be embedded in epoxy.

Instead of clay, try Silly Putty for another wrinkle (ha). Any kind of mold release will be essentially impossible (another corollary of Murphy) to keep off the panel, and will contaminate the epoxy bond. Hardened modeling clay can be scraped or wire-brushed off once dry. If you're guessing I've 'been there, done that', you're right ...

Like silicone glue, most epoxies require a full week to cure, altho the instructions rarely tell you that. I happened to get a tube of military-surplus

material once - I'd read you could use silicone glue to repair fabric, and I'd been trying to patch work clothing with it, but the patch would come off almost immediately - until I took to laying it aside for at least a week before wearing or washing it. No failures since ... e

Message-ID: <000701c52fd7\$1798ef60\$8800a8c0@jgillespie>
From: "John Gillespie" <jgillespie@porchlight.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Another hole filling suggestion
Date: Wed, 23 Mar 2005 13:34:23 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim Hanlon and the gang

Heres another suggestion for hole filling. I usually cut a small disk of sheet metal the same thickness as the panel. It fits right, when it needs a slight tap to insert it. Remove it and apply either epoxy of body filler and finish both sides of the panel when it hardens. This way both the inside and outside of the panel look great.

Theres another product out there that works. Locktites "Steel Putty" it also uses a two part chemical but it has a heavy metal load that gives added structural strength and finishes nicely. Expensive, but these radios are worth it HiHi.

John

Message-Id: <6.0.1.1.2.20050323133640.01e44d98@ppd.nrl.navy.mil>
Date: Wed, 23 Mar 2005 13:42:09 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Bernhardt <bern@ppdmail.nrl.navy.mil>
Subject: Re: Another hole filling suggestion
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I have had good luck with aluminum epoxy paste or liquid that is available
>from McMaster Carr. Clean the both sides of the edge of the hole with a
>counter sink to remove any burrs. Put a piece of electricians tape on one
>side of the hole and lay on a horizontal surface. Add enough aluminum
>epoxy to fill hole and put a piece of tape on the top surface. Let the
>epoxy cure for a few hours. The tape yields a flat surface when it is

>removed. Scraping the surface of the aluminum epoxy patch with an exacto
>knife gives an aluminum surface that looks like bare aluminum.

Cheers, Paul Bernhardt

Home Address Preferred for Letters:

Paul A. Bernhardt, KF4FOR
5704 Ridge View Drive
Alexandria, VA 22310
Phone: 703-960-9656

Work:

Paul A. Bernhardt
Code 6794
Naval Research Laboratory
4555 Overlook Ave, SW
Washington, DC 20375
Phone: 202-767-0196
FAX: 202-767-0631

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
Subject: Re: TMC Broadband amplifier BAA-1
Date: Wed, 23 Mar 2005 19:12:15 +0000
Message-Id:
<032320051912.21386.4241BF8F0007F6D50000538A21603762239A0E00CC0D99@att.net>

that amp, by the way, fits us very well. A BAA-1 or in our lingo-
boat anchors anchor 1- hope its heavy.

Message-ID: <005f01c52f8d\$d85d1400\$bbc3f904@l0n8c0>
From: "philip" <signetics@netzero.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [The WS No19] AVR-20/BC-474 RE Info.
Date: Wed, 23 Mar 2005 04:51:10 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If I am thinking about the correct radio, the BC-474 was made for
the Swedish Army by RCA. At the beginning of WW2, the US government
took over the production run. The BC-474 was a conversion of the

AVR-20 radio for battery use.

----- Original Message -----

From: Robert Oliver <robert_o1948@yahoo.com>

To: amateur Radio <amradgear@yahoogroups.com>; AmSwap

<amateurswap@yahoogroups.com>; army radios <armyradios@yahoogroups.com>;

Carolina Swap <carolinahamswap@yahoogroups.com>; Fl Boat

<flboatanchors@yahoogroups.com>; Tampa Net

<tampabaytradersnet@yahoogroups.com>; <wireless-set-no19@yahoogroups.com>

Sent: Wednesday, March 23, 2005 12:21 PM

Subject: [The WS No19] AVR-20/BC-474 RE Info.

>

> Any one ever notice similarity between the AVR-20, and the receiver section of the BC-474 field radio. I know tube line up would be different, however there is uncanny similarity, and I would like to know what tubes are used in the AVR-20?

> Also searching for the FT-295 mount for the Glider variant of 611, and/or the BC-722, control box for same.

> Thank you all!!!!, Robert Oliver, KA6KYR

>

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

> Yahoo! Groups Sponsor

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> -----
> -----

> Yahoo! Groups Links

>

> a.. To visit your group on the web, go to:

> <http://groups.yahoo.com/group/Wireless-Set-No19/>

>

> b.. To unsubscribe from this group, send an email to:

> Wireless-Set-No19-unsubscribe@yahoogroups.com

>

> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

>

>

Date: Wed, 23 Mar 2005 17:00:51 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [The WS No19] AVR-20/BC-474 RE Info.
Message-ID: <Pine.SUN.4.20.0503231658270.7405-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> If I am thinking about the correct radio, the BC-474 was made for
> the Swedish Army by RCA. At the beginning of WW2, the US government
> took over the production run. The BC-474 was a conversion of the
> AVR-20 radio for battery use.

I suspect it wasn't made exclusively for the Swedish Army, but was a stock catalog item before the war. I have one of the original RCA manuals (MI-something), and there is no indication at all about anything military, and yes, it is in English.

William Donzelli
aw288@osfn.org

Message-ID: <005001c53003\$65d32a20\$7173fea9@howard>
From: "Howard R. Weeks" <weeksh@bellsouth.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: fixing a hole
Date: Wed, 23 Mar 2005 18:52:38 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="utf-7"
Content-Transfer-Encoding: 7bit

I taper the inner edge of the hole with a round file to bring the edge to a point - roughly centered between the front and back edge of the panel. On the front, I lay a large piece of wax paper over the hole. On top of that, I tape a block of wood to hold it tight against the panel surface. Turn it over and work the hole full of JB Weld. On top of that, place another piece of wax paper with another wood block taped down to hold it. Let it dry for at least a day. Remove the blocks and wax paper. The paper will not stick and will leave a very smooth surface on the epoxy. Most of the time, no sanding is required. I have been using

this method for many years
and have never had one to come out. I have also used it to fill larger
meter holes on 1/8 panels.
They are still in as well. Also use it to patch holes in tractor sheet
metal. Also holds there.

Do not over fill the hole with epoxy or it will squeeze out on the sides of
the hole - usually on the back.
Not difficult to get rid of but would rather not have to.

Howard Weeks
Harlem, GA

----- Original Message -----

From: +ACI-Eric Jones+ACI- +ADw-ejones+AEA-hiwaay.net+AD4-
To: +ACI-Old Tube Radios+ACI- +ADw-boatanchors+AEA-theporch.com+AD4-
Sent: Wednesday, March 23, 2005 10:10 AM
Subject: fixing a hole

de N4TGC Eric

The title of one of the SF shorts I wrote a gazillion years ago in another
lifetime, BTW ... one thing I haven't seen mentioned is the advisability of
backing the hole up with aluminum screen wire - it should overlap the
opening by
at least 25+ACU-, enough to let the epoxy bond to more than just the skinny
edge, so
that it won't pop out if (Murphy's Law: when) whacked later. The wire
should be
embedded in epoxy.

Instead of clay, try Silly Putty for another wrinkle (ha). Any kind of mold
release will be essentially impossible (another corollary of Murphy) to keep
off
the panel, and will contaminate the epoxy bond. Hardened modeling clay can
be
scraped or wire-brushed off once dry. If you're guessing I've 'been there,
done
that', you're right ...

Message-ID: <42426D27.9090108@nf6x.net>
Date: Wed, 23 Mar 2005 23:32:55 -0800
From: "Mark J. Blair, NF6X" <nf6x@nf6x.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PE-101-C Dynamotor parts and info wanted

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I just received a PE-101-C dynamotor from an eBay auction. It looks like unused WW-II surplus. I tentatively plan to add it to my junk pile for use as a power supply for some future homebrew project. I'd like to find appropriate parts, accessories and information for it so that I can repair it (it appears to be missing one or more parts) and make use of it without any modifications, so that its value to anybody who may wish to use it as part of a proper restoration in the future will not be destroyed.

Here are some pictures and information that I just added to my web page:

<http://www.nf6x.net/greenradio/pe-101-c/pe-101-c.html>

A little bit of digging turned up that this dynamotor was part of an IFF set called the SCR-515 by the Army, and the ABA by the Navy. It has aircraft-style snap slide fasteners on the base. One reference suggested that the proper mount is called the FT-255. I don't know whether that mount holds just the dynamotor, or also holds one or more radio components. The plug on top is marked "SO-132", suggesting that the mating connector might be called a "PL-132".

It looks like this dynamotor (which also has an AC output) has some type of governor. Mine looks like it's missing one or more parts. A door on the "long" end reveals a moving contact. The contact looks like it's supposed to bear on some sort of cam that isn't in my dynamotor. The contact is propped open with a small piece of wood that doesn't look like it belongs there. The round part under the moving contact in the picture on my web page is not large enough in diameter to bear on the moving contact.

These pictures show the incomplete (?) governor in more detail:

<http://www.nf6x.net/greenradio/pe-101-c/p1010008.jpg>
<http://www.nf6x.net/greenradio/pe-101-c/p1010010.jpg>
<http://www.nf6x.net/greenradio/pe-101-c/p1010013.jpg>

I'd like to find:

- * A mating connector (PL-132?) for this dynamotor, in usable shape.
- * Any parts missing from the governor, or any information about the parts (such as a detailed picture of an intact unit, figures from a manual, etc.) so that I can make the needed parts.
- * An appropriate mounting, or parts that I can use to make one (such as

shock mount parts with appropriately-sized studs for the snap slide fasteners).

* Any technical manuals for the dynamotor or the radio set(s) that it belonged to.

Thanks in advance for any information!

--

Mark J. Blair, NF6X <nf6x@nf6x.net>

Web page: <http://www.nf6x.net/>

GnuPG public key available from my web page.

End of BOATANCHORS Digest 3781
